



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_28051
Title of the Manuscript:	LEACHATE TREATMENT BY FENTON OXIDATION AND ADSORPTION ON EGGSHELL AND ACTIVATED CARBON
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	The comments are: 1. The predicate in some sentences in the abstract are missing. 2. There are writing errors. Please read carefully the manuscript. 3. The presence of the organic compounds mentioned in page 4 lines 158-159 is a simple estimation. Supplementary analyses in order to demonstrate their presence are needed (HPLC). Or the authors could choose to eliminate the paragraph. 4. The content of Cu, Mn and Ni increased after absorption of eggshell. Please explain.	Answer: We redraft the Abstract Answer: All paper was again revised, and we grammar treated to take care Answer: We increase in paper: spectroscopic analysis of raw leachate and leachate treated (oxidation treatment and two adsorptions) it was put in methodology and in results section, see paragraphs 80-83, 184-256. Acronyms were corrected in paragraphs 67, 71, 146, 166-168. Results presentation was improved in Table 4. The wording of paragraphs 347-354 was improved and Figure 6 was added, because the former was wrong, that corresponding to section 3.3.4, its description is also improved. Figure 7 was returned to rebuild and improve Answer: Errors were corrected in Table 2 (Fe concentration). In Table 3 concentrations of Al, Fe, Cu and Ni, if decreased; data of this



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	5. The authors should explain why the highest absorption occurred at 0.125 g eggshell. 6. What means LC in page 8 line 256? 7. Table 4 - the authors should give more experimental details (time, pH, amounts, ratios....) 8. The absorption mechanism for eggshell and for AC should be included in order to obtain a valuable manuscript.	table were transcribed with mistake in sent document. Improved Table 4 Answer: Was drafted complete explanation of relationship 0.125, see paragraphs 89-99, 279-287, 301-304. Answer: LC acronym in Spanish is leached crude was corrected by RL (raw leachate), OL (pH adjusted leachate). It was corrected Answer: It is explained in paragraph of section 3.3.2 Answer: Adsorption kinetics for the eggshell that is the most important was introduced, although at three temperatures was made, in this article was presented the best at controlled temperature of 25 ° C, paragraphs 380-435, section 3.3.5 is added. Were added graphics and table 5. We hope we have answered all comments.
<u>Optional/General</u> comments		